

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S1 | 615 | (two second)near3 (address adj bus\$3)with(processor micro\$1processor controller micro\$1controller) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 11:04 |
| S2 | 701 | (two second)near3 (address adj bus\$3)with(processor micro\$1processor controller micro\$1controller cpu) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 12:16 |
| S3 | 37 | (two second)near3 (address adj bus\$3)with(processor micro\$1processor controller micro\$1controller cpu)with (separate different distinct) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 13:00 |
| S4 | 200 | (separate different distinct)near3 (address adj bus\$3)with(processor micro\$1processor controller micro\$1controller cpu) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 13:00 |
| S5 | 180 | S4 not S3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 16:07 |
| S6 | 17 | ("3906457" "4818932" "4847758" "4961172" "5001671" "5226010" "5386579" "5404464" "5606714" "5652847" "5655142" "5664140" "5680567" "5682498" "5813038" "6026466" "6209049").PN. | USPAT | OR | ON | 2004/01/13 14:11 |
| S7 | 3 | 710/52,53,107.ccls. and S4 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/13 16:10 |
| S8 | 21 | 710/52,53,107.ccls. and S2 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:30 |
| S9 | 0 | ("busadj(separat\$3orisolat\$3orsegregat\$3ordivi\$4)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/05 10:31 |
| S10 | 2521 | bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4) | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:05 |

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| S11 | 1585 | (bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus) | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:07 |
| S12 | 248 | ((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:07 |
| S13 | 11 | ((((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC) and dsl | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:09 |
| S14 | 11 | ((((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC) and ?dsl | US-PGPUB; USPAT | OR | ON | 2003/08/14 14:59 |
| S15 | 185 | ((((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC) and command | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:10 |
| S16 | 0 | (((((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC) and command) and PCM | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:10 |
| S17 | 13 | ((((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) and RISC) and PCM | US-PGPUB; USPAT | OR | ON | 2003/08/07 15:23 |
| S18 | 193 | toroid\$3 with memory | US-PGPUB; USPAT | OR | ON | 2003/08/11 11:34 |
| S19 | 1 | (toroid\$3 with memory) and (PCM or (pulse adj code adj modulat\$3)) | US-PGPUB; USPAT | OR | ON | 2003/08/11 11:33 |
| S20 | 32 | (toroid\$3 with memory) and fram\$3 | US-PGPUB; USPAT | OR | ON | 2003/08/11 13:52 |
| S21 | 1 | "6341335".pn. | US-PGPUB; USPAT | OR | ON | 2003/08/11 13:53 |
| S22 | 4625 | (first adj bus)and (second adj bus) | US-PGPUB; USPAT | OR | ON | 2003/08/11 14:48 |
| S23 | 162 | ((first adj bus)and (second adj bus)) and (PCM or (pulse adj code adj modulat\$3)) | US-PGPUB; USPAT | OR | ON | 2003/08/11 14:49 |
| S24 | 11 | ((((first adj bus)and (second adj bus)) and (PCM or (pulse adj code adj modulat\$3))) and Dsl | US-PGPUB; USPAT | OR | ON | 2003/08/11 14:50 |
| S25 | 106 | ((((first adj bus)and (second adj bus)) and (PCM or (pulse adj code adj modulat\$3))) and compar\$5 | US-PGPUB; USPAT | OR | ON | 2003/08/11 14:52 |
| S26 | 101 | (((((first adj bus)and (second adj bus)) and (PCM or (pulse adj code adj modulat\$3))) and compar\$5) and (port or buffer) | US-PGPUB; USPAT | OR | ON | 2003/08/11 15:22 |

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| S27 | 58 | data adj memory adj address adj bus | US-PGPUB; USPAT | OR | ON | 2003/08/11 15:23 |
| S28 | 792 | advantage same (bus with (separat\$3 or split or divide)) | US-PGPUB; USPAT | OR | ON | 2003/08/11 16:00 |
| S29 | 62 | (advantage same (bus with (separat\$3 or split or divide))) and (address adj bus) same advantage | US-PGPUB; USPAT | OR | ON | 2003/08/11 16:00 |
| S30 | 34764 | (input adj (port or interface)) and (output adj (port or interface)) | US-PGPUB; USPAT | OR | ON | 2003/08/13 07:59 |
| S31 | 814 | ((input adj (port or interface)) and (output adj (port or interface))) and frame adj (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3) | US-PGPUB; USPAT | OR | ON | 2003/08/13 11:01 |
| S32 | 623 | ((((input adj (port or interface)) and (output adj (port or interface))) and frame adj (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3)) and (frame same input) | US-PGPUB; USPAT | OR | ON | 2003/08/13 08:13 |
| S33 | 43 | (((((input adj (port or interface)) and (output adj (port or interface))) and frame adj (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3)) and (frame same input)) and (output same (PCM or (pulse adj code adj modulat\$3))) | US-PGPUB; USPAT | OR | ON | 2003/08/13 08:13 |
| S34 | 3471 | output with PCM | US-PGPUB; USPAT | OR | ON | 2003/08/13 11:00 |
| S35 | 271 | (output with PCM) and ((separate or distinct or different) with register) | US-PGPUB; USPAT | OR | ON | 2003/08/13 11:00 |
| S36 | 133 | ((output with PCM) and ((separate or distinct or different) with register)) and (frame with (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3)) | US-PGPUB; USPAT | OR | ON | 2003/08/13 11:02 |
| S37 | 8 | ((((output with PCM) and ((separate or distinct or different) with register)) and (frame with (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3))) and (data adj pattern) | US-PGPUB; USPAT | OR | ON | 2003/08/13 11:08 |
| S38 | 27 | (((((output with PCM) and ((separate or distinct or different) with register)) and (frame with (detect\$3 or loca\$7 of find\$3 or identif\$7 or determin\$3))) and (data adj (pattern or sequence or arrangement))) | US-PGPUB; USPAT | OR | ON | 2003/08/13 12:47 |

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| S39 | 19 | (input adj (buffer or port)) same xDSL | US-PGPUB; USPAT | OR | ON | 2003/08/13 12:52 |
| S40 | 130 | (input adj (buffer or port)) and xDSL | US-PGPUB; USPAT | OR | ON | 2003/08/14 13:03 |
| S41 | 1 | "5400369".pn. | US-PGPUB; USPAT | OR | ON | 2003/08/14 15:16 |
| S42 | 15 | 710/52.ccls. and ((bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus)) | US-PGPUB; USPAT | OR | ON | 2003/08/14 15:03 |
| S43 | 15 | 710/52.ccls. and (bus adj (separat\$3 or isolat\$3 or segregat\$3 or divi\$4)) and (interfac\$3 same bus) | US-PGPUB; USPAT | OR | ON | 2003/08/14 15:02 |
| S44 | 13 | DSL and (frame adj align\$3) | US-PGPUB; USPAT | OR | ON | 2003/08/14 14:58 |
| S45 | 0 | DSL adj frame adj align\$3 | US-PGPUB; USPAT | OR | ON | 2003/08/14 13:04 |
| S46 | 177 | micro\$1processor near3 two near5 address | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 16:59 |
| S47 | 32 | (micro\$1processor near3 two near5 address) and (address adj bus)with two | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 17:07 |
| S48 | 53 | (processor micro\$1processor controller micro\$1controller)near5 (two adj address)with bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 17:31 |
| S49 | 158 | (processor micro\$1processor controller micro\$1controller)near5 (second adj address)with bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 17:32 |
| S50 | 158 | ((processor micro\$1processor controller micro\$1controller)near5 (second adj address)with bus\$3) not ((micro\$1processor near3 two near5 address) and (address adj bus)with two) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 17:32 |
| S51 | 157 | ((processor micro\$1processor controller micro\$1controller)near5 (second adj address)with bus\$3) not ((processor micro\$1processor controller micro\$1controller)near5 (two adj address)with bus\$3) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/01/12 17:32 |

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| S57 | 658 | (separat\$3 individual\$2) near3 address adj bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:17 |
| S58 | 283 | S57 and address adj bus\$3 with (port buffer interface) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:18 |
| S59 | 801 | (separat\$3 individual\$2 different distinct) near3 address adj bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:17 |
| S60 | 327 | S59 and address adj bus\$3 with (port buffer interface) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:18 |
| S61 | 174 | S59 and (address adj bus\$3) near4 (port buffer interface) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:19 |
| S62 | 1113 | (separat\$3 divid\$3 segregat\$3 split\$4) near5 (common shared) near5 bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:30 |
| S63 | 9 | S61 and S62 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 16:21 |
| S64 | 2491 | 710/52,53,107.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:30 |
| S65 | 1113 | (separat\$3 divid\$3 segregat\$3 split\$4) near5 (common shared) near5 bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:30 |
| S67 | 35 | S64 and S65 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:30 |

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| S68 | 801 | (separate\$3 individual\$2 different distinct) near\$3 address adj bus\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:36 |
| S69 | 174 | S68 and (address adj bus\$3) near\$4 (port buffer interface) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:37 |
| S70 | 14 | S69 and S64 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 15:37 |
| S71 | 17329 | (command instruction request demand) near\$5 (relay\$3 forward\$3 pass\$3) with process\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:56 |
| S72 | 32 | waterbug | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:56 |
| S73 | 32 | waterbug | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 13:07 |
| S74 | 2478 | (command instruction request demand) near\$5 (relay\$3 forward\$3 pass\$3) with (input and output) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 13:22 |
| S75 | 702 | S71 and S74 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 13:08 |
| S76 | 32 | waterbug | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:10 |

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| S77 | 65236 | without near3 processing | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:48 |
| S78 | 17331 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) with process\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 09:54 |
| S79 | 2478 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) with (input and output) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:43 |
| S80 | 702 | S78 and S79 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 09:55 |
| S81 | 71 | S77 and S80 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 10:46 |
| S82 | 22 | (US-20020010810-\$ or US-20020103957-\$).did. or (US-5046023-\$ or US-5099479-\$ or US-5412785-\$ or US-5469544-\$ or US-5537602-\$ or US-5598575-\$ or US-5706466-\$ or US-5727049-\$ or US-5802325-\$ or US-5838955-\$ or US-5877780-\$ or US-5963596-\$ or US-6065092-\$ or US-6125421-\$ or US-6205536-\$ or US-6209049-\$ or US-6292861-\$ or US-6480929-\$ or US-6564283-\$ or US-6611796-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/08/08 12:23 |
| S83 | 2 | S82 and S78 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:24 |

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| S84 | 0 | S82 and S79 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:25 |
| S85 | 2 | S82 and S77 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:25 |
| S86 | 0 | S77 with (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) with (input and output) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:43 |
| S88 | 5 | S77 with (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) with output\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:48 |
| S89 | 56 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) near3 without near3 processing | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:54 |
| S90 | 59 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) near3 without near3 process\$2 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 13:08 |
| S91 | 8988 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) near5 process\$2 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:55 |
| S92 | 12302 | (command instruction request demand) near5 (relay\$3 forward\$3 pass\$3) near5 process\$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 13:24 |

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| S93 | 0 | "not" adj processed | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:56 |
| S94 | 58 | S90 not S89 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 13:19 |
| S95 | 2736 | 710/52,53,107.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 13:23 |
| S96 | 123 | S92 and S95 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 13:24 |